

INFORMATION SYSTEM OF NEW STUDENT ACCEPTANCE WEB BASED BY PHP AND SQL

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ABSTRACT

This research aims to produce software the Information System of New Student Acceptance Web Based by PHP and SQL that is able to manage the implementation of New Student Acceptance that is registration, selection, journalizing, announcement, and re-registration. This research also determined the level of proprietary software that has been made.

Type of this research is Research and Development. The method of software development is using Waterfall Model. Software testing is done through whitebox and black-box testing, and alpha and beta testing by experts and users. Instruments using the Quality Factor McCall as indicator to determine the level of proprietary software with measurement scales using Likert Scale. Instrument testing is done through validity and reliability test. The techniques of data collection is using interviews and questionnaires. Analysis is using quantitative descriptive analysis.

The results of this research showed that the Information System of New Student Acceptance Web Based by PHP and SQL is able to manage the implementation of New Student Acceptance that is registration, selection, journalizing, announcement, and re-registration. The assessment by experts indicates that this software is very worthy in terms of correctness and reliability, while in terms of integrity and usability is worthy. The assessment by teachers indicates that this software is very worthy in terms of correctness, reliability, and integrity, while in terms of usability is worthy. The assessment by students indicates that this software is worthy in terms of correctness and usability, in terms of reliability is very worthy, and in terms of integrity is worthy enough.

Keywords : Information System, New Student, Web Based, Web, PHP, SQL.